



CFW

Attorney's Docket No. 5649-1277

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Kwang-hee Lee et al.

Serial No.: 10/801,208

Group Art Unit: 2811

Filed: March 16, 2004

Confirmation No.: 2034

For: METHODS OF MANUFACTURING SEMICONDUCTOR DEVICES HAVING A RUTHENIUM LAYER USING VIA AUTOMATIC LAYER DEPOSITION AND ASSOCIATED APPARATUS AND DEVICES

Date: January 10, 2005

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Attached is Form PTO-1449 listing documents cited in the Korean Office Action for the corresponding Korean Application Number 2003-0019258. Each document listed on the attached PTO-1449 was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement. A copy of each document including the Korean Office Action, is enclosed.

No fee is believed due; however, the Commissioner is hereby authorized to charge any deficiency or credit any refund to Deposit Account No. 50-0220.

Respectfully submitted,

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Elizabeth J. Porter

Complete if Known

Application Number	10/801,208
Filing Date	March 16, 2004
First Named Inventor	Kwang-hee Lee et al.
Group Art Unit	2829
Examiner Name	Unknown
Attorney Docket Number	5649-1277

Sheet	1	of	1
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	C i t e N o.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
		Office	Number	Kind Code (if known)			
	1	Korean Abstract	20040059775	✓	Hynix Semiconductor Inc.	07/06/2004	
	2	Korean Abstract	20020074922	✓	Samsung Electronics Co., Ltd.	10/04/2002	
	3	Korean Abstract	20020034715	A	Hynix Semiconductor Inc.	12/18/2002	

OTHER NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	4	Notice of Office Action, Korean Application No. 10-2003-0019258, September 30, 2004	

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.